

FIG. 1 A

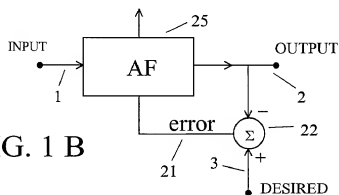


FIG. 1 B

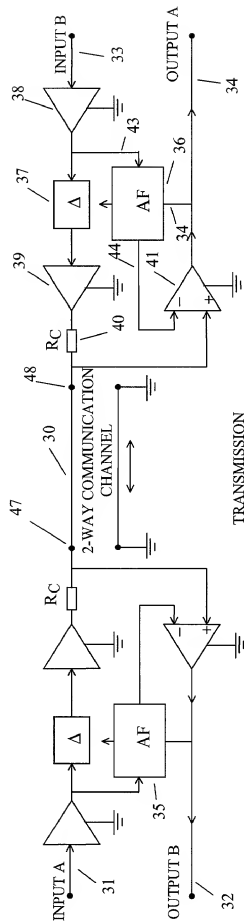


FIG. 2 A

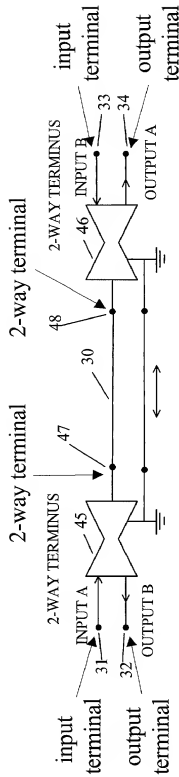
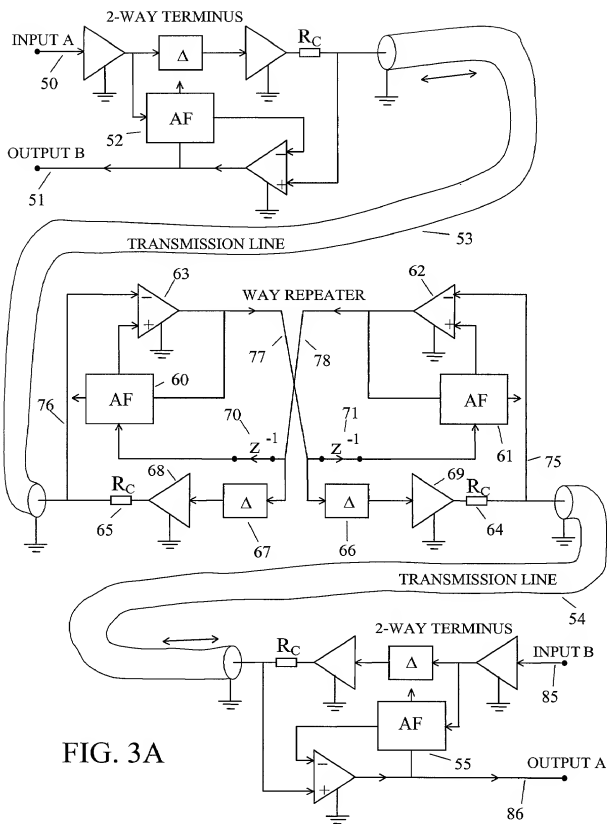


FIG. 2 B



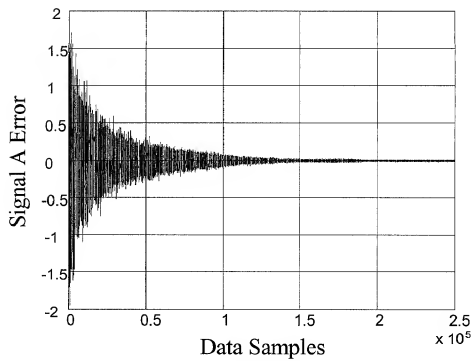


FIG. 3 B

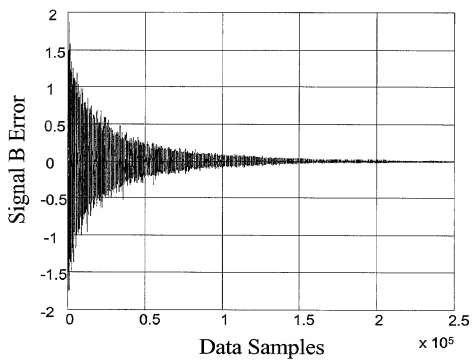


FIG. 3 C

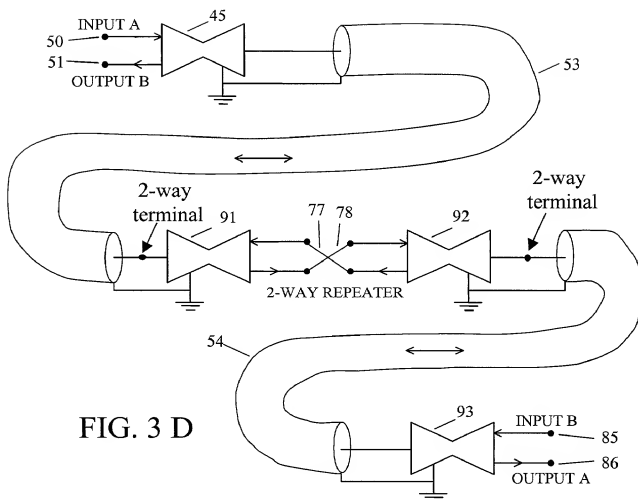


FIG. 3 D

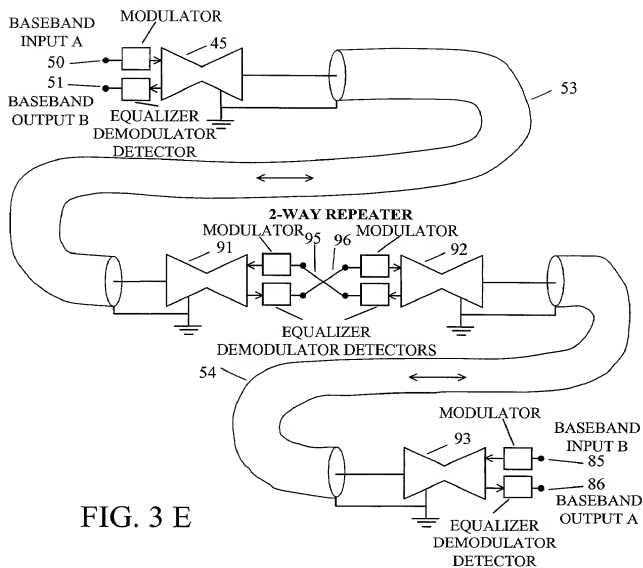
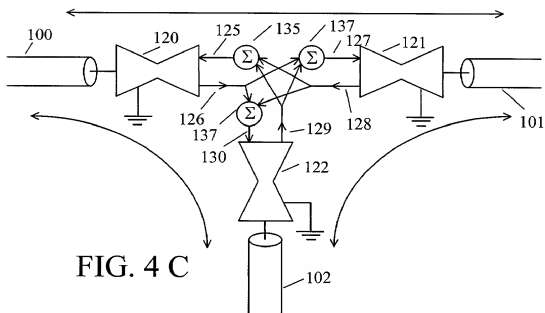
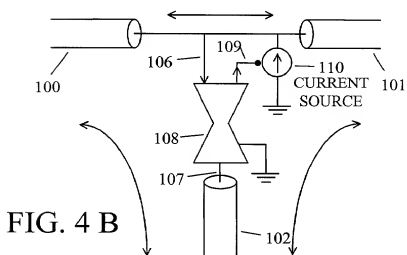
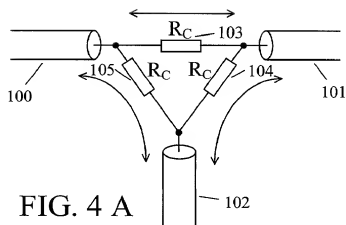
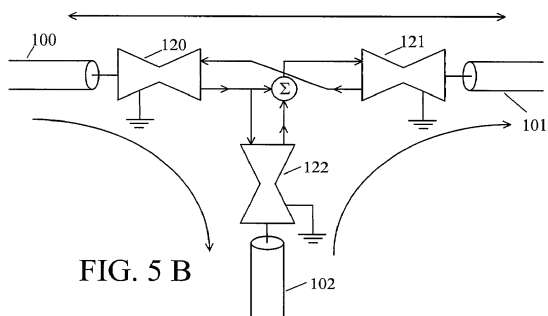
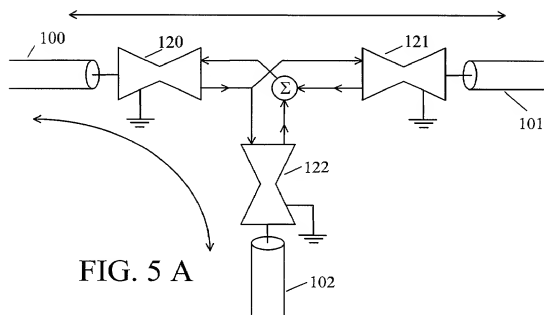
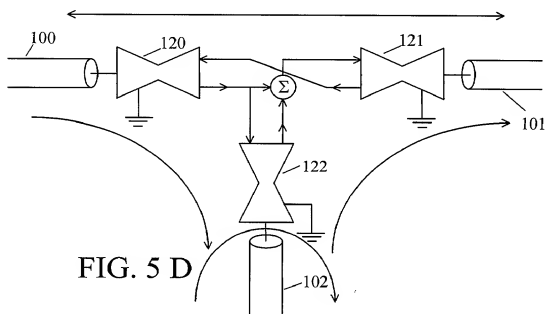
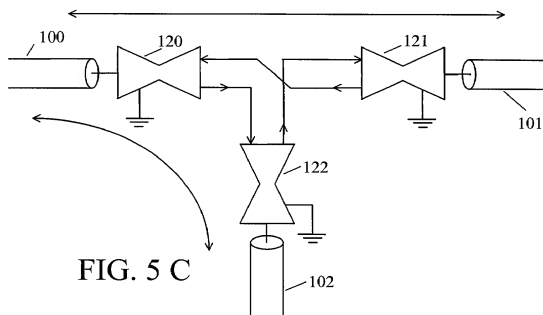


FIG. 3 E







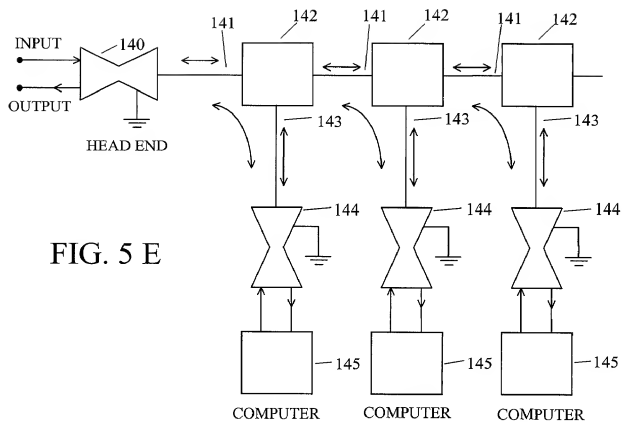


FIG. 5 E

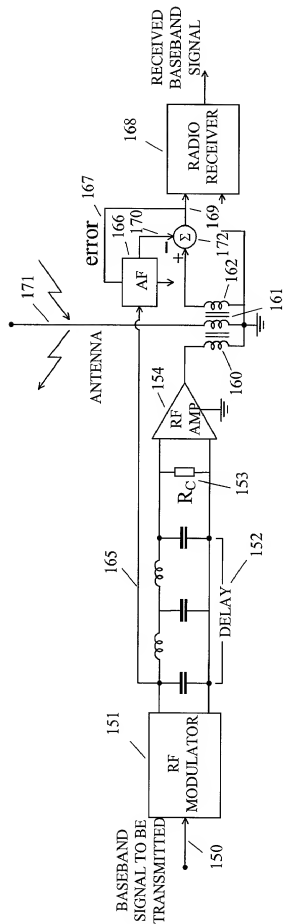


FIG 6 A

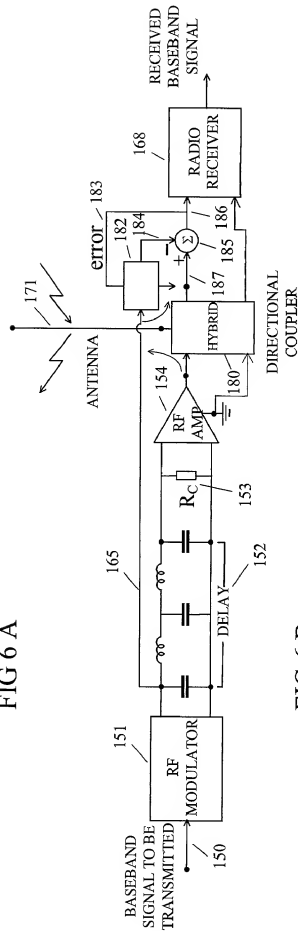


FIG 6 B

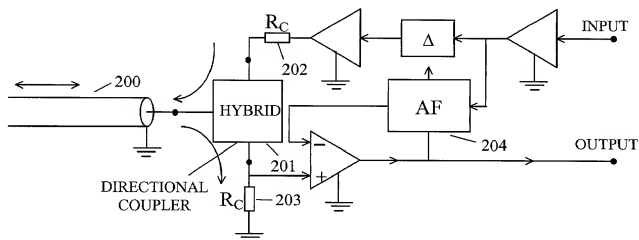


FIG. 7 A

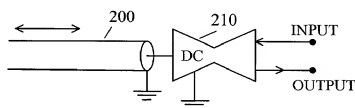


FIG. 7 B

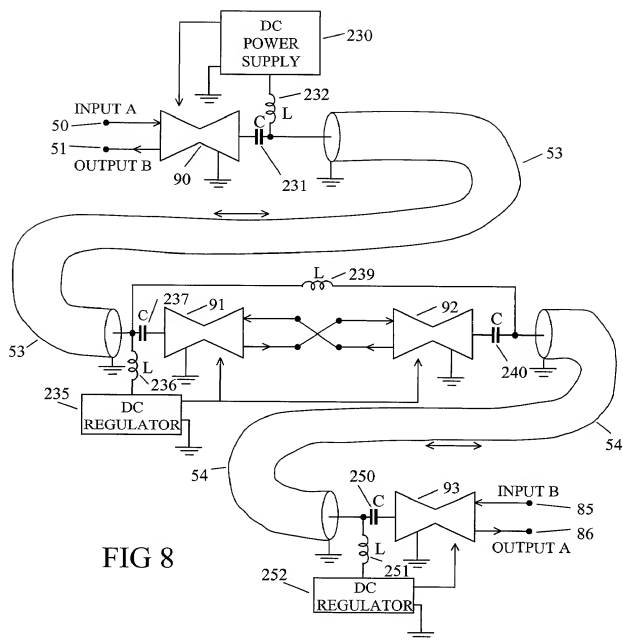
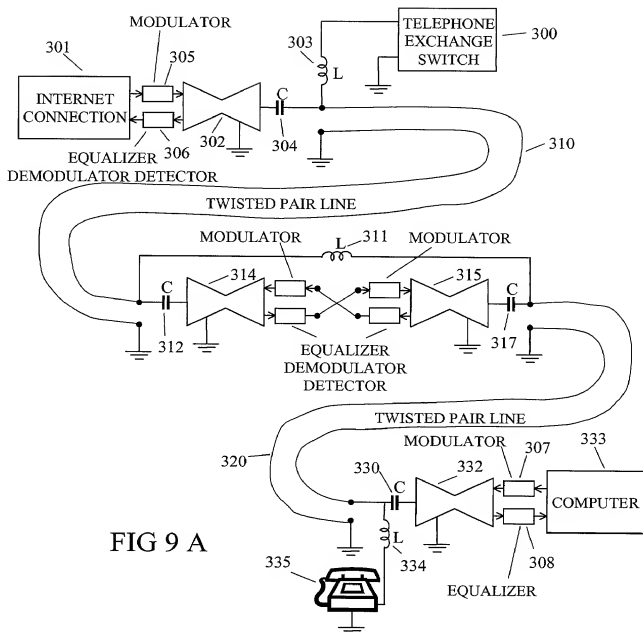


FIG 8



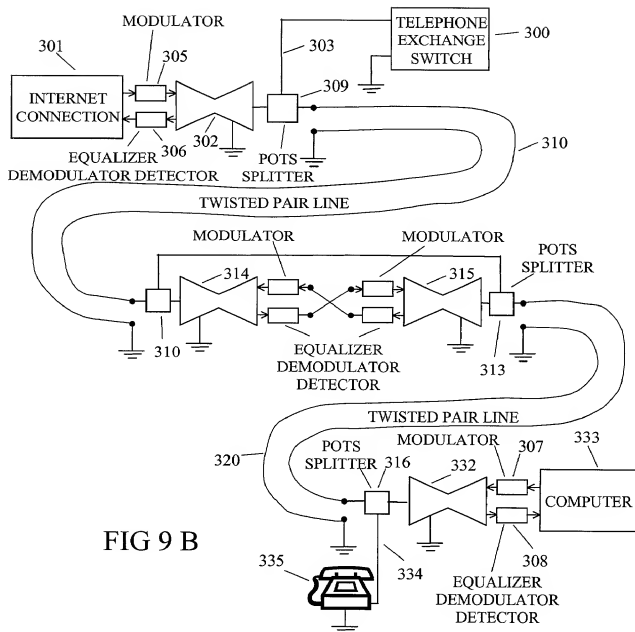


FIG 9 B

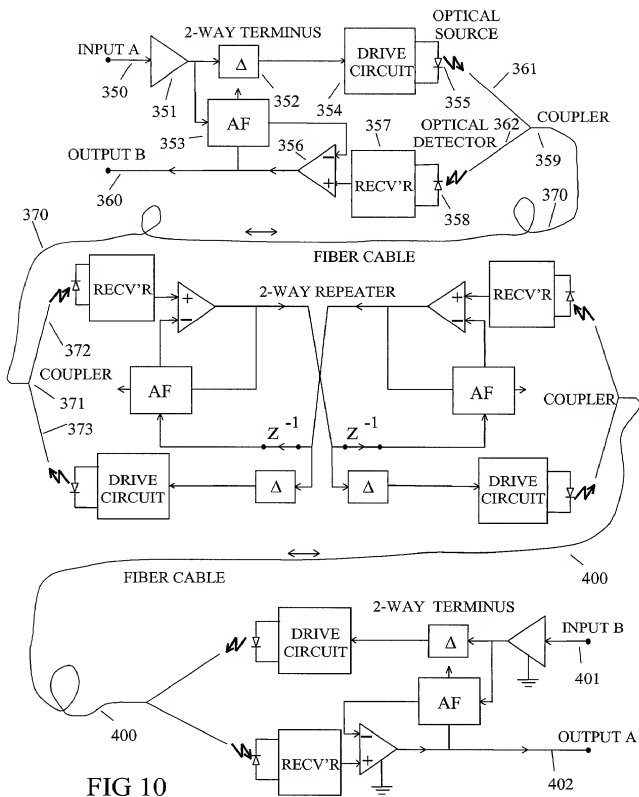


FIG 10

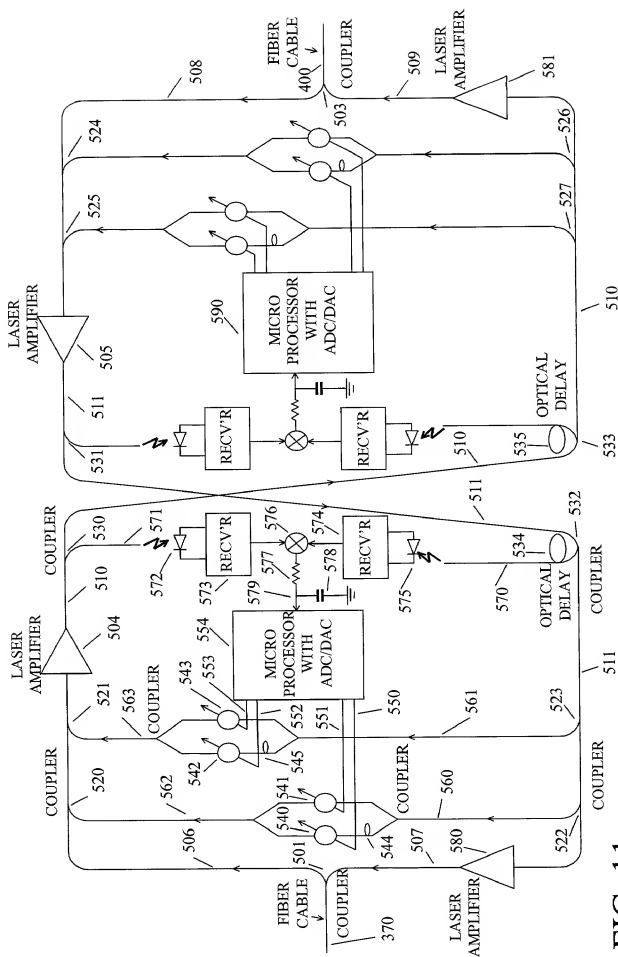
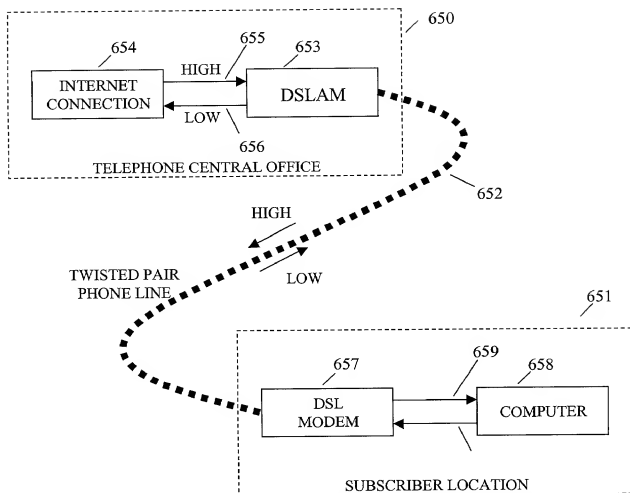


FIG. 11



HIGH = HIGH FREQUENCY, HIGH BANDWIDTH BITSTREAM
 LOW = LOW FREQUENCY, LOW BANDWIDTH BITSTREAM

FIG. 12

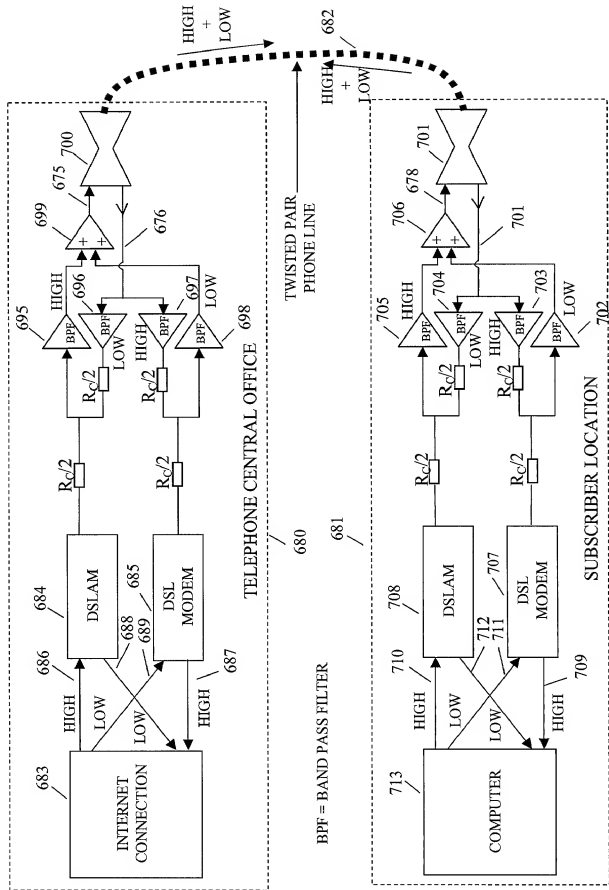


FIG. 13A

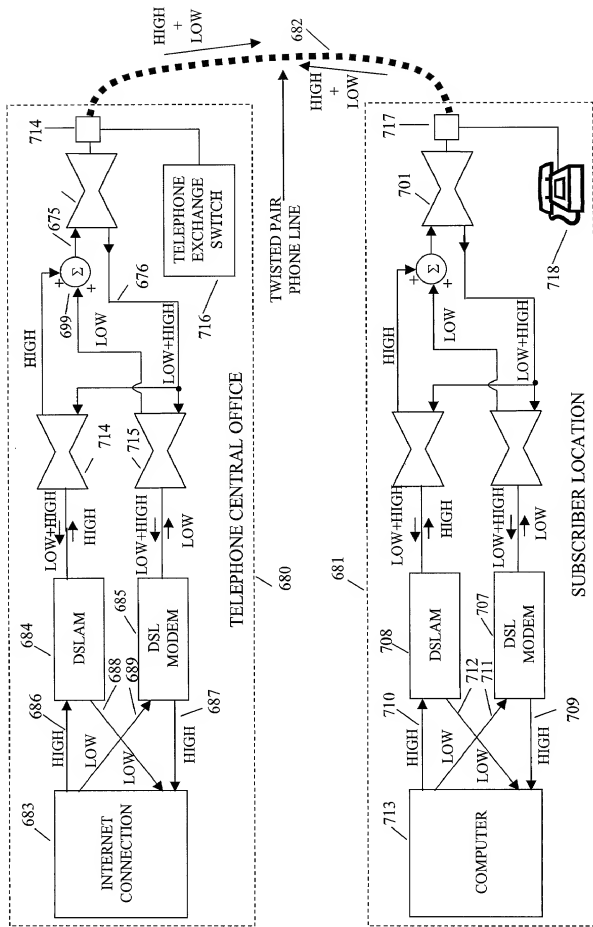
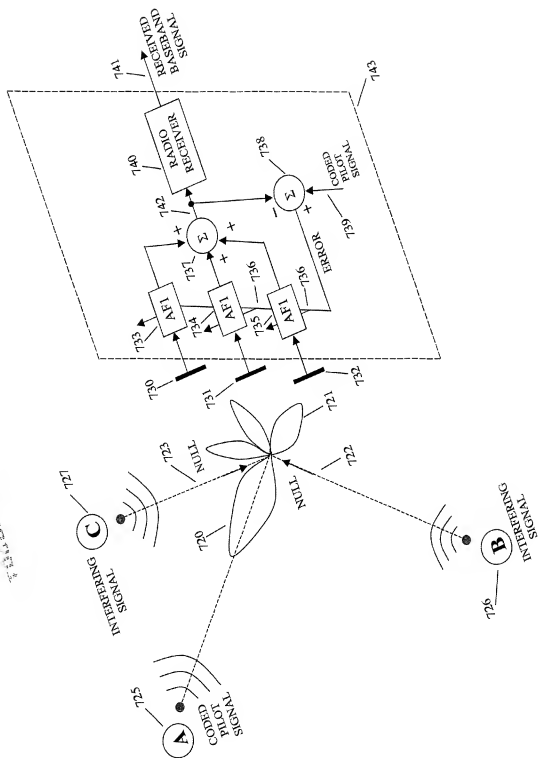


FIG. 13B



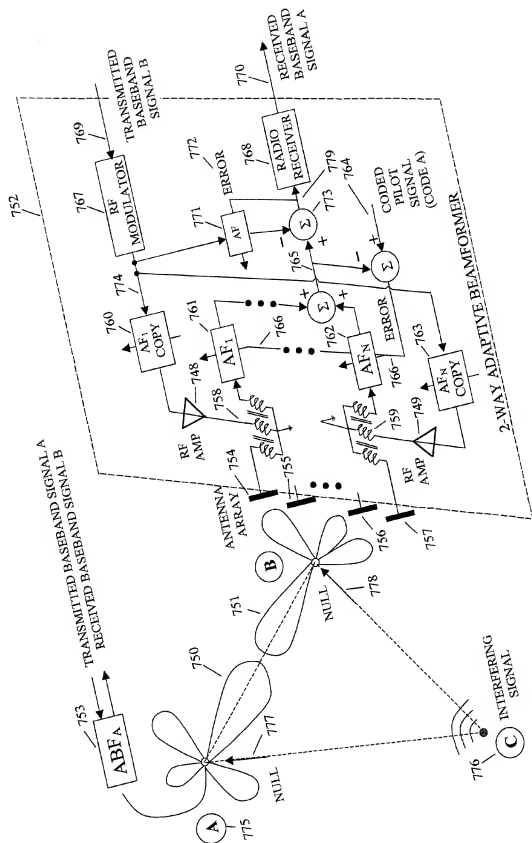


FIG. 15

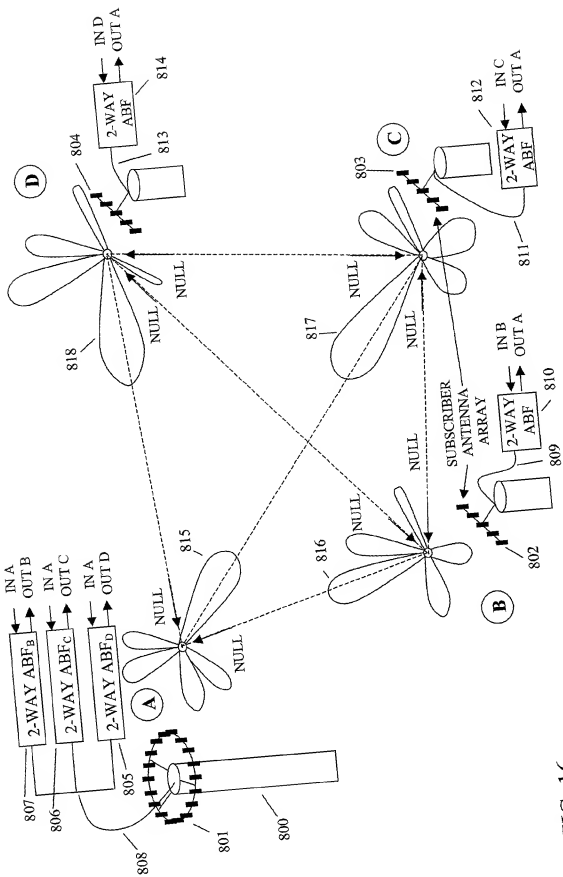


FIG. 16

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ANTENNA
ARRAY

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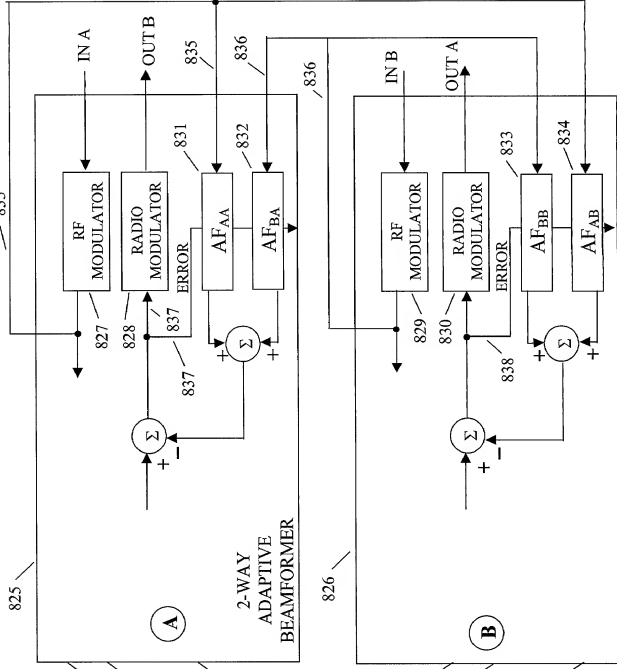


FIG 17